

BOND COAT SA1030

Polymer Modified Hot Melt Adhesive

Description

BOND COAT SA1030 is a hot melt adhesive bond coat based on a polymer modified bitumen.

Uses

BOND COAT SA1030 is applied to GCP Applied Technologies' ELIMINATOR[®] waterproofing membrane to provide a bond between the bituminous surfacing and the membrane. It is recommended where the bitumen content is low, void content is high or where aggregate segregation may occur.

Features

- Provides an excellent bond between the asphalt surfacing and ELIMINATOR
- Solidifies rapidly after application
- Increases contact at the asphalt/membrane interface
- Easy application
- Approved for use with the Eliminator bridge deck waterproofing membrane by:
 - EOTA – ETA No.15/0362, Liquid Applied Bridge Deck Waterproofing, ETAG 033
 - British Board of Agreement (UK) – HAPAS Certificates No.11/H169, 11/H170, for Highways England road bridges

Technical Data

PROPERTY	VALUE
Material Application Temperature	175°C to 200°C
Minimum Activation Temperature	90°C
Minimum Overcoating Time for Application of Surfacing	30 minutes

Surface Preparation

BOND COAT SA1030 is applied to the cured ELIMINATOR membrane. This must be clean, dry and free from contamination and dust.

Application

BOND COAT SA1030 should be heated indirectly via hot oil in a double skinned vessel (kettle) with a temperature gauge and continuous agitator, at between 175°C to 200°C, and immediately applied to the cured membrane by flat-bladed squeegee.

The temperature of the BOND COAT SA1030 should not exceed 210 °C. If the material is overheated it will be difficult to apply and the finish will be dull rather than glossy. If this occurs, the material must be removed and fresh material applied.

BOND COAT SA1030 must be allowed to cool for a minimum of 30 minutes before the surfacing can be applied. The BOND COAT SA1030 surface should be free of water and other contaminants when the surfacing is applied.

The activation temperature of BOND COAT SA1030 is 90 °C. Asphalt temperatures drop rapidly when placed onto a cold surface, so it is therefore advisable to allow for this by achieving a minimum asphalt laying temperature of 130 °C. The laying temperature is taken prior to rolling by placing a probe in the centre of the mat once screeded from the paver.

Coverage

BOND COAT SA1030 – 1.25 to 1.75kg/m²

Cleaning

All tools and equipment should be cleaned with acetone before the material is allowed to cure.

Packaging & Storing

BOND COAT SA1030 is supplied in cardboard tubes and should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant site Health & Safety regulations. Storage temperature should not exceed 25 °C. Storage at elevated temperatures may cause deformation of the cardboard packaging. Although this is best avoided it will have no detrimental effect on the performance of the material.

Do not store near naked flames or foodstuffs.

Stored in unopened containers, under these conditions, the components have a shelf life of three years.

Health & Safety

Please refer to our Safety Data Sheets for further information.

General Information

BOND COAT SA1030 is part of a wide range of specialist waterproofing, surfacing and repair materials manufactured and supplied by GCP Applied Technologies. If you require any further information on this or any other of our products, please do not hesitate to contact Technical Services or visit www.gcpat.com.



gcpat.hk | For technical information: asia.enq@gcpat.com

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